

IDEAL WATER

cod. O6IDEALWATER

Water-based epoxy primer and consolidating agent

DESCRIPTION

Ideal WATER is a two-component product based on epoxy resins. Diluted in water at various concentrations, it can be used as a consolidation agent for cement-screeds and self-leveling substrates, as an isolating primer for calcium sulphate supports and as a primer for polyurethane resins IDEALPUWB EASY and IDEALPU78.

FEATURES

Used on porous or poorly cohesive cementitious backgrounds, it has a consolidating and suction control effect. It can also be used as an isolating primer on calcium-sulphate (anhydrite) substrates and as a primer for the application of polyurethane sealers such as IDEALPUWB EASY and IDEALPU78 on closed/tight (helicoptered) cement-based floors.

USES

Ideal WATER is recommended:

- As a regulator of absorption for suction control on porous cement-based surfaces (drop-test).
- As a consolidating agent for backgrounds with poor surface cohesion and for self-levelling screeds.
- As a primer for IDEALPU WB EASY on closed/tight cement surfaces such as Architop and industrial floors.
- As a primer for IDEALPU78 on industrial floors.
- As an isolating primer for anhydrite-based surfaces.
- As anti-dust coating for concrete floors

APPLICATION

No surface moisture or rising damp should be present. Use a floor buffing machine and abrasive pads to remove dust, dirt, oil, grease stains and any other deposits, then wait for the surface to dry. Apply the mixture (see below for recommended dilutions) by brush, roller or low-pressure spray. Remove any excess material from the holes and depressions and let the surface dry. It is recommended that the material is applied in very thin layers. In the event of highly absorbent surfaces, a second coat may be required and should be applied after 8-12 hours. It is important to ventilate the premises after application. To avoid stains and gloss, do not apply excessive material.

MIXTURE PREPARATION

First, mix both components individually. Once this has been done, add component "B" into component "A" at a ratio of 2:1 by weight and mix carefully with a drill equipped with a stirring paddle.

Slowly add clean water, continuing to stir until a white lump-free latex is obtained.

RECOMMENDED DILUTIONS

- As a regulator of absorption for suction control on porous cement-based surfaces and as a consolidating agent: 2 parts comp. A + 4 parts comp. B + 10/ 18 parts of water.
- As a primer for IDEALPU WB EASY or IDEALPU78: 2 parts comp. A + 4 parts comp. B + 6 parts of water.
- As an isolating primer for anhydrite-based backgrounds: 2 parts comp. A + 4 parts comp. B + 6 parts of water.

TECHNICAL INFORMATION

Pot life at +20°C (IATEX):	30 minutes
TOUCH DRY (+20°C):	12 hours
Curing TIME (+20°C):	2-3 days
FLASH POINT:	non-flammable

CONSUMPTION

30-40 g/m² IDEAL WATER pure in various dilutions.

PACKAGING / STORAGE / DISPOSAL

2 Components (A 2kg + B 4kg) = 6kg.

When stored in their original and sealed packaging at a temperature between 5 and 30 ° all products will keep for at least 24 months.

The products are sensitive to frost.

See safety data sheet.

PRECAUTIONS

- Epoxy products can yellow when exposed to UV rays.
- The polymerisation reaction and hardening begin immediately when the components are mixed.
- Do not apply IDEAL WATER when the temperature of the medium is less than +10 °C or above 28 °C and the RH is greater than 70 %.
- Epoxy resins can cause irritation. Avoid contact with skin and eyes. Wear glasses, gloves and protective suit. Use of a barrier cream such as Turexan and, on completion of the work, a nutritive cream is recommended.
- In case of contamination, wash immediately with soap and water. Do not wash with solvents. In case of eye contact, rinse with fresh water and consult a doctor.
- Do not use empty containers to store other substances.
- Clean the containers and work tools immediately after use with soap and water.

IMPORTANT

The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is not used in accord with its instructions. The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is performed even partially in contrast with these guidelines or with products not covered by them.

The manufacturer also declines any responsibility for the aesthetic aspect of the flooring which depends on the installation methods, working times and climatic conditions of the site. The applicator must take these into account when scheduling and applying the materials supplied by the manufacturer.

The applicator notes that Ideal Work is in no way responsible for the suitability of the solution chosen in relation to:

A) Substrate suitability, climatic conditions or any other external parameter which may affect the performance of the Ideal Work products being used.

B) The stresses to which Ideal Work products may be put under operation.

It also notes that the indications provided by Ideal Work in its technical documentation are to be considered a necessary condition but do not in any way relieve the contractor of the responsibilities and technical evaluations of the applicator. The data can be changed at any time. Also note that the products are intended for professional use only.